



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

01 August 2013

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1307292

Enclosed are the results of analyses for samples received by the laboratory on 24-Jul-13 12:15. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	2.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

01 August 2013



Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 24-Jul-13 12:15

ANALYTICAL RESULTS

Lab Number: 1307292-01
Sample Name: Mouth
Date/Time Collected: 7/23/13 13:25
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	27.1		7/24/13 18:43	A307292	8270D
2,4,6-Tribromophenol [surr]	%	99.9		7/24/13 18:43	A307292	8270D
2-Fluorophenol [surr]	%	50.4		7/24/13 18:43	A307292	8270D
Phenol-d5 [surr]	%	35.3		7/24/13 18:43	A307292	8270D

ANALYTICAL RESULTS

Lab Number: 1307292-02
Sample Name: Weir
Date/Time Collected: 7/23/13 12:55
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 1.00		7/24/13 19:05	A307292	8270D
2,4,6-Tribromophenol [surr]	%	53.1		7/24/13 19:05	A307292	8270D
2-Fluorophenol [surr]	%	19.8		7/24/13 19:05	A307292	8270D
Phenol-d5 [surr]	%	18.7		7/24/13 19:05	A307292	8270D

01 August 2013



Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 24-Jul-13 12:15

QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 24-Jul-13 12:20 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch A307292 - 3510C Modified

Blank (A307292-BLK1)

Prepared & Analyzed: 24-Jul-13

Pentachlorophenol	ND	1.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	38.6		"	40.0		96.4	26-130			
Surrogate: 2-Fluorophenol	18.3		"	40.0		45.9	10-80			
Surrogate: Phenol-d5	13.6		"	40.0		34.0	10-58			

LCS (A307292-BS1)

Prepared & Analyzed: 24-Jul-13

Pentachlorophenol	35.5	1.00	ug/L	40.0		88.8	69-129			
Surrogate: 2,4,6-Tribromophenol	37.6		"	40.0		94.0	26-130			
Surrogate: 2-Fluorophenol	20.9		"	40.0		52.3	10-80			
Surrogate: Phenol-d5	15.7		"	40.0		39.3	5-58			

Matrix Spike (A307292-MS1)

Source: 1307247-01

Prepared & Analyzed: 24-Jul-13

Pentachlorophenol	33.2	1.00	ug/L	40.0	0.306	82.2	50-139			
Surrogate: 2,4,6-Tribromophenol	37.7		"	40.0		94.2	26-130			
Surrogate: 2-Fluorophenol	18.4		"	40.0		46.0	10-80			
Surrogate: Phenol-d5	14.0		"	40.0		35.0	10-58			

Matrix Spike Dup (A307292-MSD1)

Source: 1307247-01

Prepared & Analyzed: 24-Jul-13

Pentachlorophenol	37.6	1.00	ug/L	40.0	0.306	93.2	50-139	12.4	27	
Surrogate: 2,4,6-Tribromophenol	40.3		"	40.0		101	26-130			
Surrogate: 2-Fluorophenol	20.6		"	40.0		51.4	10-80			
Surrogate: Phenol-d5	14.9		"	40.0		37.3	10-58			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

[illegible]